RESULT N70546/c LOCUS N70546 440 bp mRNA EST 14-MAR-199 za83c12.sl Soares\_fetal\_lung\_NbHL19W Homo sapiens cDNA clone 14-MAR-1996 DEFINITION IMAGE: 299158 3', mRNA sequence. N70546 g1227126 ACCESSION SEQ TONO;9 NID VERSION N70546.1 GI:1227126 KEYWORDS EST. SOURCE human. ORGANISM Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. Eutheria; Primates; Catarrini; nominidae; nome.

1 (bases 1 to 440)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Eclman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and REFERENCE AUTHORS Wilson, R. The WashU-Merck EST Project TITLE Unpublished (1995)
On Apr 14, 1993 this sequence version replaced gi:785683. JOURNAY. COMMENT Contact: Wilson RK Washington University School of Medicine 4444 Forest Fark Parkway, Box 8501, St. Louis, MO 63108 Tel: 314 286 1800 Fax: 314 286 1810 Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: m13 -40 forward
Wigh multive converse of the contact of the cont High quality sequence stop: 354.

Location/Qualifiers PEATURES source 1. .440 /organism="Homo sapiens" /db\_xref="GDB:1244082" /db\_xref="taxon:9606" /map="3 p21.2-p13" /clone="IMAGE:299158" /clone\_lib="Soares\_fetal\_lung\_NbHL19W" /dev\_stage="19 weeks"

BASE COUNT ORIGIN

133 t 96 c 120 q

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RESULT
N70946/c
                             440 bp
                                                          EST
                                                                     14-MAR-1996
             N70546
LOCUS.
                          Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone
DEFINITION
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             INAGE: 2
                         38 3', mRNA sequence.
             N70546
ACCESSION
             g122712
                            1227126
VERSION
             N70546.
KEYWORDS
             EST.
SOURCE
             human .
  ORGANISM
             Homo sar
                                       ordata; Craniata; Vextebrata; Mammalia; arrhini; Hominidae; Homo.
             Eukaryota
                            ·tazoa;
             Eutheria:
                           mates:
                            0 440)
REFERENCE
                (bases
                                      Dubuque, T., Elliston, K., Hawkins, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Rohlfing, T., Soares, M., Tan, F., , R., Williamson, A., Wohldmann, P. and
             Hillier, L.
                            Mark, N
  AUTHORS
             Holman, M, , tman, i
             Parsons, J., aifkin,
Trevaskis, E., Water
             Wilson, R.
             The Washu-Merck EST
  TITLE
             Unpublished (1995)
On Apr 14, 1993 this
  JOURNAL
                                       quence version replaced gi:785683
COMMENT
                          lson RK ... School of Medicine
              Washi...
                           Park Parkway, Box 8501, St. Louis, MO 63108
              4444
             Tel: 3: .86 1800
Pax: 314 286 1810
             Email: est@watson.wustl.edu
This clone is available royalty-free through LLN; ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: m13 -40 forward
High quality sequence stop: 354.
Location/Qualifiers
FEATURES
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                        /db_xref="GDB:1244082
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/map="3 p21.2-p13"
/cipne="IMAGE:299158"
/cipne_lib="soares_fetal_lung_NbHL19W"
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Best Local Similarity 95.6%; Pred. No. 7.7e-78;
Matches 373; Conservative 0; Mismatches 15; Indels 2;
                                                                          2; Gaps
                                                                                        2;
     2206 aatectgaegtte Annactgtega. An gteettgerike im coaegtaeegga 225:
Qу
       440 AATCCTGACGTTC: ACTGTCGAAA AAGTCCTTGCTHAC ACCGACGTACCGGA 381
Db
     Qу
DΕ
     Qγ
Db
     Qy
Db
                                                              AGCACT AGCCC 201
     Qу
Ob
      Qу
```

Эb Qy

Db

25(4 aaagacccgagacaaaattgaaacctcttc 2593 

JS SEO-19 100:10 RESULT

```
W05407
 LOCUS
             W05407
                          473 bp
                                    mRNA
                                                    EST
                                                              23-APR-1996
            za83c12.rl Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone
.IMAGE:299158 5' similar to SW:ZF26_MOUSE P10076 ZINC FINGER PROTEIN
 DEFINITION
             ZFP-26 ;, mRNA sequence.
 ACCESSION
             W05407
             q1278138
 NID
 VERSION
             W05407.1 GI:1278138
 KEYWORDS.
             EST.
 SOURCE
             human.
   ORGANISM
            Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
            Eutheria; Primates; Catarrinin; Hominidae; Homo.

1. (bases 1 to 473)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
 REFERENCE
   AUTHORS
             Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
            The WashU-Merck EST Project Unpublished (1995)
   TITLE
   JOURNAL
 COMMENT
             Contact: Wilson RK
             Washington University School of Medicine
             4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
Fax: 314 286 1810
            Email: est@watson.wustl.edu
            FEATURES
                     BASE COUNT
                 139 a
                       104 c 126 g 100 t
                                                      4 others
 ORIGIN
                      1
                                     1.5
201
  Query Match 11.5%; Score 367.8; DB 25; Length 473; Best Local Similarity 96.4%; Pred. No. 8.4e-97;
  Matches 407; Conservative: @; Mismatches
                                                 13; Indels 2; Gaps
     Qу
 Db
     Qу
 Db
                                       16.
     1226 ccatgtetgtggacgggaggcagccggggacgtgttetcetgacetegccgeceetetgg 1285
Qу
 Db
     1286 atgaaaatggagccgtggatcgaggggaaggtggttctgaagacggatctgaggatgggc 1345
 Qу
Db
      179 ATGAAAATGGAGCCGTGGATCGAGGGGAAGGTGGTTCTGAAGACGGATCTGAGGATGGGC 238
     Qy
Db
     Qy
                                                                              g ($$2.58%).
Db
                                                                                71 3. 6-5. 104 F
     1466 attitcagaacgcatacaggtgaaaaaccatacaaatgtgaattttgtgaatatgctgcag 1525
Qy
Db
      1526 cc 1527
 Qу
                            247
      419 CC 420
 Db
                                                                            11. 3:
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## VS SEQ ID 100:9

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RESULT '14
Q63862/c
       Q63862 standard; cDNA; 283 BP.
AC
TG
       C63862:
       Co3862;
29-JAN-1995 (first entry)
AP2 sequence obtd. by PCR for tumour specific DNA.
Arbitrary primers; AP-PCR; amplification; tumour cells; cancer;
insertions; deletions; ss.
       Synthetic.
W09411531-A.
       WO9411531-A.
26-MAY-1994.
52-NOV-1993; U10904.
33-NOV-1992; US-975737.
(CALB-) CALIFORNIA INST BIOLOGICAL RES.
IONOV Y, Malkhosyan S, Mcclelland M, Peinado MA;
Perucho M, Welshj;
PΓ
        WPI; 94-183529/22.
       Identification of tumour cells - by analysing DNA to determine whether insertions or deletions have occurred in reiterated
            Disclosure; Page 52; 67pp; English.

The sequence was obtd. by PCR with arbitrary PCR primers used to detect insertions or deletions in DNA sequences. Such mutations are markers of cancer so such primers can be used in the diagnosis of cancer, esp. colorectal, stomach or pancreatic tumours.

See also 063837-63.

Sequence 283 RP. 63 A. 77 C. 94 G. 49 T.
    PS
    CC
                                                         77 C;
            Sequence 283 BP:
                                              63 A;
                                                                          94 G:
               y Match 2.0%; Score 207.2; DB 1; Length 283;
Local Similarity 87.3%; Pred. No. 5e-37;
hes 227; Conservative 0; Mismatches 33; Indels 0
        Query Match
       Best Local Similarity
Matches 227; Conservative
            Оy
    Db
            Qy
    Db
            Qy
    Db
                                                                                                  1.1
            7696 cccatagtgttggcctccca 7715
||||||||||||||||||||||||||||||||||43 CCCAAAGTGCTGGGATTACA 24
    Qу
```

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